

Converting Colors

YUV(146.1120, -53.2992,
62.1688)

Have a look what the booklet for
YUV(146.1120, -53.2992, 62.1688)
contains.

YUV(146.1120, -53.2992, 62.1688)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(146.1120, -53.2992,
62.1688)**

Conversions

Conversions Part 1

Format	Color
Hex	D98326
RGB	217, 131, 38
RGB Percent	85%, 51%, 15%
CMY	0.1490, 0.4863, 0.8510
CMYK	0.00, 0.40, 0.82, 0.15
HSL	31°, 70%, 50%
HSV	31°, 82%, 85%
XYZ	37.0814, 31.1243, 5.8869
YIQ	146.1120, 81.1090, -10.6910

Conversions

Conversions Part 2

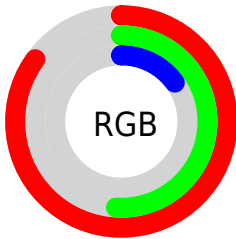
Format	Color
R_{YB}	204, 217, 38
Decimal	14254886
CIE _{Lab}	62.61, 26.50, 59.91
CIE _{LCh}	63, 65.513, 66.137
Yxy	31.1243, 0.5005, 0.4201
Android (android.graphics.Color)	4292444966 (0xFFD98326)
YUV	146.1120, -53.2992, 62.1688
Hunter-Lab	55.7891, 21.0129, 32.7961

Details

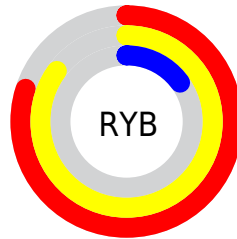
The YUV color **146.1120, -53.2992, 62.1688** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **108.8880, 53.2992, -62.1688**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.6270, -51.0881, 52.9471**, and **94.1910, -46.4362, 54.2065** is the 20% darker color. If you saturate the color by 10%, you get **137.7340, -60.0149, 69.5163**, and if you desaturate by 10%, it is **154.4900, -46.5836, 54.8213**.

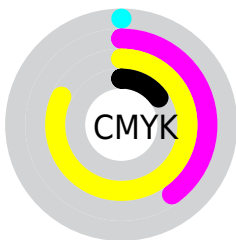
Distribution



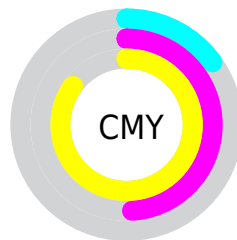
- Red (85%)
- Green (51%)
- Blue (15%)



- Red (80%)
- Yellow (85%)
- Blue (15%)



- Cyan (0%)
- Magenta (40%)
- Yellow (82%)
- Black (15%)





- Cyan (15%)
- Magenta (49%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.1120, -53.2992, 62.1688 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 146.1120, -53.2992, 62.1688 by changing the saturation by 10% instead.


 146.1120,
-53.2992, 62.1688


 146.1120,
-53.2992, 62.1688


255.0000, 0.0000,
0.0000


 118.0640,
-57.2196, 59.5799


 194.6270,
-51.0881, 52.9471

 94.1910, -46.4362,
54.2065


 214.1410,
-47.3975, 35.8333


 71.4320, -35.2160,
48.7331


 234.2420,
-43.9963, 18.2048

 48.9610, -24.1378,
42.1302

 245.5380,
-36.2542, 8.2982

 27.0880, -13.3544,
36.7568

 248.8440,
-23.5871, 5.3988

 13.1560, -6.4859,
27.0502

 252.0360,

 0.0000, 0.0000,

-11.3567, 2.5994

0.0000

■ 146.1120,
-53.2992, 62.1688

■ 146.1120,
-53.2992, 62.1688

■ 137.7340,
-60.0149, 69.5163

■ 154.4900,
-46.5836, 54.8213

■ 131.2140,
-64.6885, 75.2343

■ 163.3410,
-40.5941, 47.0589

■ 171.7190,
-33.8785, 39.7114

■ 180.6840,
-27.4522, 31.8491

■ 189.0620,
-20.7366, 24.5016

■ 197.9130,
-14.7471, 16.7393

■ 206.2910, -8.0315,
9.3918

■ 214.6690, -1.3158,
2.0443

■ 223.5200, 4.6736,
-5.7180

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



146.7650, -29.9571, 88.7831



146.1120, -53.2992, 62.1688



141.1400, -66.1310, 24.4332

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



146.1120, -53.2992, 62.1688



123.5410, 18.9603, -108.3455



155.1730, 44.7777, 11.2493

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



146.1120, -53.2992, 62.1688



108.8880, 53.2992, -62.1688

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



119.4680, 66.8173, -104.7734



146.1120, -53.2992, 62.1688



128.8650, 44.4366, -113.0146

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



146.1120, -53.2992, 62.1688



114.3530, -6.0900, -100.2876



128.8600, 62.1870, -113.0102



153.2050, 23.0699, 67.3492

Rectangle

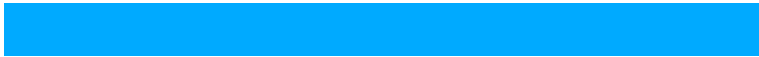
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



146.1120, -53.2992, 62.1688



138.1990, -52.3561, -7.1905



128.8600, 62.1870, -113.0102



151.6260, 50.9634, -12.8270

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



146.1120, -53.2992, 62.1688



229.5070, -18.9840, 22.3574



101.4390, 11.6156, 101.3470



112.4010, -11.5367, 13.6803



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



146.1120, -53.2992, 62.1688



155.2450, -75.0568, 87.4851



195.6970, -77.7446, 16.0517



105.2240, -3.0684, 4.1886



104.5570, -51.5466, 60.0245



27.8420, -13.7261, 15.9246

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



108.8880, 53.2992, -62.1688



102.7550, 75.0568, -87.4851



59.3030, 77.7446, -16.0517



103.1890, 3.3578, -3.6738



68.4430, 51.5466, -60.0245



18.1580, 13.7261, -15.9246

Previews

White Background



This preview shows how the YUV color 146.1120, -53.2992, 62.1688 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 146.1120, -53.2992, 62.1688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 146.1120, -53.2992, 62.1688

Background



This preview shows how black text looks on a background with the YUV color 146.1120, -53.2992, 62.1688.



This preview shows how white text looks on a background with the YUV color 146.1120, -53.2992, 62.1688.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

146.1120, -53.2992, 62.1688

Protanopia

144.9560, -50.2643, 21.9636

Deuteranopia

145.2850, -55.8495, 40.0921



Tritanopia

152.9260, -10.8095, 60.5779

Trichromacy



Original Color

146.1120, -53.2992, 62.1688

Protanomaly

145.1150, -51.3287, 36.7331

Deuteranomaly

145.2690, -54.8556, 47.9991

Tritanomaly

150.2130, -26.2340, 61.2032

Monochromacy



Original Color

146.1120, -53.2992, 62.1688

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.3930, -19.4207, 22.4573

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.1120, -53.2992, 62.1688 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(217, 131, 38)` looks like.

```
.text, #text, p{  
    color:rgb(217, 131, 38)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(217, 131, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 131, 38) }
```

Border

The CSS property to change the border of an element to YUV 146.1120, -53.2992, 62.1688 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 131, 38) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(217, 131, 38) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(217, 131, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 131, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 131, 38);  
box-shadow:4px 4px 4px 4px rgb(217, 131,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 146.1120, -53.2992, 62.1688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 131, 38) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(217,  
131, 38) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor